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Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

**Application Number** 10/645,720

Filing Date 08/20/2003

**First Named Inventor** **Steven R. Mead**

Art Unit 1772

Examiner Name

Attorney Docket Number 2400/18

**U.S. PATENT DOCUMENTS**

**FOREIGN PATENT DOCUMENTS**

Examiner Signature /Robert Miller/ Date Considered 05/25/2006

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1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 601.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English-language Translation is attached.

indication of the year of publication and the appropriate symbols as indicated on the document under WIPO Standard ST.15 & PCT. English language Translation is attached.

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 1

**Complete if Known**

Application Number	10/645,720
Filing Date	August 20, 2003
First Named Inventor	Steven R. Mead
Art Unit	
Examiner Name	
Attorney Docket Number	2400/18

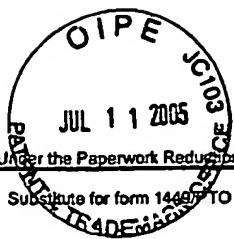
U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
RM		US- 4,337,283	06-29-1982	Hass, Jr.	
RM		US- 5,958,527	09-28-1999	Prevost	
RM		US- 6,048,282	04-11-2000	Prevost	
RM		US- 6,338,885	06-15-2002	Prevost	
RM		US- 6,551,689	04-22-2003	Prevost	
RM		US- 6,689,447	02-10-2004	Prevost	
RM		US- 6,723,412	04-20-2004	Prevost	
RM		US- 6,746,752	06-08-2004	Prevost	
RM		US- 6,767,595	07-27-2004	Prevost	
RM		US- 2002/0029515	03-14-2002	Prevost	
RM		US- 2002/0136846	09-26-2002	Prevost	
RM		US- 2004/0058096	03-25-2004	Prevost	
RM		US- 2004/0219308	11-04-2004	Prevost	
RM		US- 2005/0008793	01-13-2005	Prevost	
RM		US- 2005/0031803	02-10-2005	Prevost	
RM		US- 2005/0044656	03-03-2005	Prevost	
RM		US- 3,856,721	12-24-1974	Fritschel	
RM		US- 6,623,840	09-23-2003	Hainbach	
RM		US- 6,770,373	08-03-2004	Kinoshita	

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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of 1

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Application Number	10/645,720
Filing Date	August 20, 2003
First Named Inventor	Steven R. Mead
Art Unit	
Examiner Name	
Attorney Docket Number	2400/18

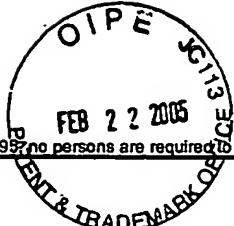
## NON-PATENT LITERATURE DOCUMENTS

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1

1

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Application Number	10/645,720
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First Named Inventor	Steven R. Mead
Art Unit	
Examiner Name	
Attorney Docket Number	2400/18

## U. S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Initials <sup>a</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>d</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
RM	BE 871.775		05-03-1979	Bisson et al.		
RM	JP 07-137189		05-30-1995	Tadashi et al.		
RM	WO 98/56993		12-17-1998	Lemieux		
RM	WO 99/26784		06-03-1999	Lodder		
RM	JP 2000-034823		02-02-2000	Hiroomi et al.		

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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/645,720
				Filing Date	8/20/2003
				First Named Inventor	Steven R. Mead
				Art Unit	
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	2400/18

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 1 of 10

**Complete if Known**

Application Number	10/645,720
Filing Date	8/20/03
First Named Inventor	Steven R. Mead
Group Art Unit	
Examiner Name	
Attorney Docket Number	2400/18

## U.S. PATENT DOCUMENTS

Examiner Initials*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Reserved Passages or Reserved Entries Accepted
	Case No. <sup>1</sup>	Number and Class (if known)			
RM	1,652,776		Galanis	12-13-27	
RM	2,179,631		Holder	11-14-39	
RM	3,304,219		Nickerson	02-14-67	
RM	3,459,179		Olesen	08-05-69	
RM	3,503,841		Sterrett	03-31-70	
RM	3,529,306		Thorne	09-22-70	
RM	3,552,044		Wiele	01-05-71	
RM	3,629,882		Thorne	12-28-71	
RM	3,663,344		Brock et al.	05-16-72	
RM	3,755,063		Massev et al.	08-28-73	
RM	3,816,234		Winfield	06-11-74	
RM	4,011,611		Lederman	03-15-77	
RM	4,139,920		Evans	02-20-79	
RM	4,193,499		Lookholder	03-18-80	
RM	4,343,047		Lazcowski et al.	08-10-82	
RM	4,472,472		Schultz	09-18-84	
RM	4,620,633		Lookholder	11-04-86	
RM	4,642,814		Godirev	02-17-87	
RM	4,657,003		Wirtz	04-14-87	
RM	5,079,787		Pollmann	01-14-92	

## FOREIGN PATENT DOCUMENTS

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<sup>1</sup> Unique patent designation number. See attached *Index of U.S. Patent Documents*. Enter Office that issued the document by the two-letter code (MPC Standard ST 2). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under MPC Standard ST. 18 / *Classification*. Insertion of space & a space mark here if English language Translation is attached.

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 2 of 10

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Application Number	
Filing Date	
First Named Inventor	
Group Art Unit	
Examiner Name	
Attorney Docket Number	

## U.S. PATENT DOCUMENTS

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Sheet	3	of	10
			Attorney Docket Number
			Application Number
			Filing Date
			First Named Inventor
			Group Art Unit
			Examiner Name

**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Accor-
		Number	And Case (if known)			
RM	1	3,477,562		Allen et al.	11-11-1969	
RM	1	3,563,837		Smith et al.	02-16-1971	
RM	1	3,606,726		Soertus et al.	09-21-1971	
RM	1	3,889,444		Davis et al.	06-17-1975	
RM	1	3,968,620		Keltner	07-13-1976	
RM	1	4,054,204		Keeton	10-18-1977	
RM	1	4,102,109		Modra et al.	07-25-1978	
RM	1	4,121,399		Verville	10-24-1978	
RM	1	4,391,561		Smith et al.	07-05-1983	
RM	1	4,640,080		Wright	02-03-1987	
RM	1	5,052,874		Johanson	10-01-1991	
RM	1	5,079,787		Pollmann	01-14-1992	
RM	1	5,351,830		Bender et al.	10-04-1994	
RM	1	5,515,975		Jarvis et al.	05-14-1996	
RM	1	5,622,030		Steed et al.	04-22-1997	
RM	1	5,694,747		Tesch	12-09-1997	
RM	1	5,711,215		Sextl et al.	01-27-1998	
RM	1	5,712,015		Guillen	01-27-1998	

## FOREIGN PATENT DOCUMENTS

Examiner Signature	/Robert Miller/	Date Considered	06/09/2006
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<sup>1</sup> Unique patent designation number. <sup>2</sup> See attached *Index of U.S. Patent Documents*. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> King or document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if applicable. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	
				Filing Date	
				First Named Inventor	
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Sheet	4	of	10	Attorney Docket Number	

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 4 of 17

**Complete If Known**

Application Number	
Filing Date	
First Named Inventor	
Group Art Unit	
Examiner Name	
Attorney/Agent Number	

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (Unknown)			
RM	2,298,218			Madson	06-27-1940	
RM	3,608,961			Heck	09-28-1971	
RM	3,762,404			Sakita	10-02-1973	
RM	3,968,530			Dyson	07-13-1976	
RM	4,171,549			Morrell et al.	10-23-1979	
RM	4,370,754			Donzis	02-01-1983	
RM	4,432,110			Sutton	02-21-1984	
RM	4,475,248			L'Abbe et al.	10-09-1984	
RM	4,577,358			Glass	03-25-1986	**
RM	4,606,087			Alivizatos	08-19-1986	
RM	4,607,403			Alivizatos	08-26-1986	
RM	4,905,320			Sauvers, Jr.	03-06-1990	
RM	5,134,725			Yeshurun et al.	08-04-1992	
RM	5,152,019			Hirata	10-06-1992	
RM	5,279,237			Alivizatos	01-18-1994	
RM	5,537,688			Reynolds et al.	07-23-1996	
RM	5,733,012			Jones	03-31-1998	
RM	5,778,470			Haider	07-14-1998	
RM	5,826,273			Eckes	10-27-1998	

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				Examiner Name	
				Attorney Docket Number	
Sheet	5	of	10		

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		Number	Kind Code (if known)			
RM	2,404,758			Teague et al.	12-10-1940	
RM	3,006,780			Shaffer	11-04-1959	
RM	3,304,219			Nickerson	05-02-1962	
RM	3,616,162			Noziere	10-26-1971	
RM	3,857,731			Merrill, Jr. et al.	12-31-1974	
RM	3,864,181			Wolinski et al.	02-04-1975	
RM	4,624,893			Shibano et al.	11-25-1986	
RM	4,705,715			DeCoste, Jr. et al.	11-10-1987	
RM	4,740,416			DeCoste, Jr. et al.	04-26-1988	
RM	4,855,170			Darvell et al.	08-08-1989	
RM	5,055,340			Matsumura et al.	10-08-1991	
RM	5,614,310			Delgado et al.	03-25-1997	
RM	5,720,714			Penrose	02-24-1998	
RM	5,746,013			Fay, Sr.	05-05-1998	
RM	4,756,026			Pierce	07-12-88	
RM	5,301,370			Henson	04-12-94	
RM	3,489,154			Kaspar et al.	01-13-70	
RM	5,916,672			Reeves	06-29-99	

## FOREIGN PATENT DOCUMENTS

Examiner Signature	/Robert Miller/	Date Considered	05/25/2006
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached *Kinds of U.S. Patent Documents*. <sup>3</sup> Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **6** of **10**

Complete If Known

Application Number

Filing Date

First Named Inventor

Group Art Unit

Examiner Name

Attorney Docket Number

### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cla No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RM		Sales Literature of Faytex Corp., circa 1998	
RM		Sales Literature of JSP International 1998	
RM		Sales Brochure "Product Samples" of JSP International 1998	
RM		Internet Ad of EcoByDesign 2003	
RM		Internet Ad of Midwest Padding 2003	
RM		Internet Ad of SilentWalk 2003	
RM		Internet Ad of Tuplex Corp. 2003	

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05/25/2006

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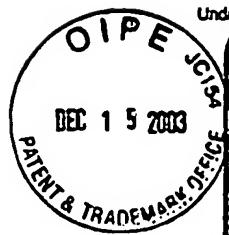
<sup>2</sup>Unique citation designation number. <sup>3</sup>Applicant is to place a check mark here if English language Translation is attached.

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet 7 of 10

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Application Number	
Filing Date	
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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.*	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
RM	5,888,642			Meteer et al.	3-1999	
RM	5,916,672			Reeves et al.	6-1999	
RM	3,489,154			Kaspar et al.	1-1970	
RM	5,073,444			Shanelee	12-1991	
RM	3,856,721			Fritschel	12-24-1974	
RM	4,034,506			Kasahara	7-12-1977	
RM	4,250,136			Rex	2-10-1981	
RM	4,303,729			Torobin	12-1-1981	
RM	5,837,739			Nowak	11-17-1998	
RM	5,100,258			VanWagoner	3-31-1992	
RM	5,102,260			Horvath	4-7-1992	
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RM	5,920,915			Bainbridge	7-13-1999	
RM	6,032,300			Bainbridge	3-7-2000	
RM	6,055,676			Bainbridge	5-2-2000	
RM	6,098,209			Bainbridge	8-8-2000	
RM	6,301,722			Nickerson	10-16-2001	
RM	6,357,054			Bainbridge	3-19-2002	
RM	6,453,477			Bainbridge	9-24-2002	
RM	6,453,477			Bainbridge	9-24-2002	

## FOREIGN PATENT DOCUMENTS

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Sheet	8	of	10	Application Number	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
				Attorney Docket Number	

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columna, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code² (if known)			
RM	3,354,578			Ryan	11-28-1967	
RM	3,640,787			Heller	02-08-1972	
RM	3,663,469			Weissmahr	05-16-1972	
RM	3,676,288			Hoyle	07-11-1972	
RM	3,978,263			Wellensiek	08-31-1976	
RM	4,229,398			Harvey	10-21-1980	
RM	4,240,998			Lichter et al.	12-23-1980	
RM	4,243,617			Burge	01-08-1981	
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RM	5,587,231			Mereer et al.	12-24-1996	
RM	6,027,806			Abe et al.	02-22-2000	
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RM	5,292,840			Heilmann et al.	3-8-1994	

## FOREIGN PATENT DOCUMENTS

Examiner Signature	/Robert Miller/	Date Considered	05/25/2006
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Sheet 9 of 10

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Application Number	
Filing Date	
First Named Inventor	
Group Art Unit	
Examiner Name	
Attorney Docket Number	

#### OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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				Application Number	
				Filing Date	
				First Named Inventor	
				Art Unit	
				Examiner Name	
Sheet	10	of	10	Attorney Docket Number	

## U.S. PATENT DOCUMENTS

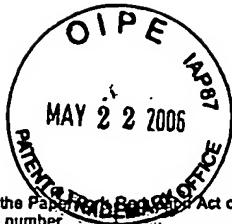
## FOREIGN PATENT DOCUMENTS

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Substitute for form 1449A/PTO				Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	10/645,720
				Filing Date	08/20/2003
				First Named Inventor	Steven R. Mead
				Art Unit	1772
				Examiner Name	Miller
Sheet	1	of	1	Attorney Docket Number	2400/18

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (If known)			
RM		us- 3,877,969	04-1975	Knoss	
RM		us- 5,352,318	10-1994	Takabayashi	
RM		us- 5,406,046	04-1995	Landes	
RM		us- 6,528,947	03-2003	Chen	
RM		us- 6,877,932	04-2005	Prevost	
RM		us- 2005/0170179	08-2005	Audenaert	
RM		us- 2002/0018859	02-2002	Bednarz	
RM		us- 4,489,115	12-1984	Layman	
RM		us- 6,525,125	02-2003	Giardello	
RM		us- 6,485,446	11-2002	Brother	
RM		us- 6,464,770	10-2002	Palm	
RM		us- 5,849,864	12-1998	Carlson	
RM		us- 4,777,763	10-1988	Shannon	
RM		us- 3,877,172	04-1975	Schwab	
RM		us- 3,710,510	01-1973	Tully	
RM		us- 4,336,286	06-22-1982	Tomarin	
RM		us- 4,489,115	12-18-1984	Layman et al.	
RM		us- 5,252,657	10-12-2003	Frankel et al.	
RM		us- 6,877,932	04-12-2005	Prevost	
		us-			

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